

IV PHOTOGRAPHY OF IMPRESSION EVIDENCE	Page 1 of 2
<div style="text-align: center;"> Division of Forensic Science IMPRESSION UNIT TRAINING MANUAL </div>	Amendment Designator:
	Effective Date: 30-March-2004
<div style="text-align: center;"> IV PHOTOGRAPHY OF IMPRESSION EVIDENCE </div> <p>4.1 PURPOSE</p> <p>To aid the student in understanding the critical nature that photography plays in regard to impression examinations. This segment of training allows the student to learn the proper photographic techniques to be utilized in the capturing and preserving impressions at the crime scene as well as the laboratory.</p> <p>4.2 OBJECTIVES</p> <p>4.2.1 To understand the importance and correct procedures for correct photographic documentation of impression evidence at crime scenes, including the use of various lighting techniques, contrast filters, contrast films and digital photography.</p> <p>4.2.2 To understand the considerations and applications of both black-and-white and color photography of impression evidence.</p> <p>4.2.3 To understand the theory of and correct procedures for examination quality photographs of:</p> <ol style="list-style-type: none"> a. A depressed (3-dimensional) impression b. A residue (2-dimensional) impression c. The use of oblique light as it applies to (a) and (b) <p>4.3 GOAL</p> <p>4.3.1 Upon completion of this segment of the training program, the student will possess knowledge and understanding of the photography equipment, film and lighting required to adequately capture and preserve impressions.</p> <p>4.4 DISCUSSION</p> <p>4.4.1 This segment of training will give the student in depth knowledge of what is required photographically and to understand what takes place in regard to crime scene photographic issues.</p> <p>4.4.2 Training in this topic will be augmented by working with the Forensic Imaging Section.</p> <p>4.5 EXAMINATION</p> <p>4.5.1 Successful completion of this segment of training will be determined by a written test and work sample.</p> <p>4.6 REFERENCES FOR TOPIC IV</p> <ol style="list-style-type: none"> 1. <u>Footwear Impression Evidence</u>, Bodziak, 1990, pp 25-61 2. <u>Footwear Identification</u>, Cassidy, 1980, pp 3, 4, 7-18, 50-53 3. <u>Photomethods</u>, "Three-Dimensional Scales", Hyzer, 1988, 31:3, pp 14-15 4. <u>Photomethods</u>, "Scales and Perspective-Revisited", Hyzer, 1988, 31:7, pp 10-11 5. <u>Tire Imprint Evidence</u>, McDonald, 1989, pp 37-65 6. <u>Journal of Forensic Identification</u>, "Determination of Shoe Size in Out-of-Scale Photographs", Mankevich, 1990, 40:1, pp 1-13 7. <u>Forensic Photography</u>, "Photographic Reproduction of Footprints", Thomson, 1973, Vol. 2, No. 4, pp 6-8 	

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<div>8. <u>Journal of Forensic Identification</u>, “The Value of Shadow in Footwear and Tire Track Evidence Recovered by Photographic Techniques”, Hamm, 1986, 38:3, pp 91-97</div> <div>9. <u>Journal of Forensic Identification</u>, “Daylight Flash Photography of Three Dimensional Impressions”, Truskowski, 1988, 38:3, pp 83-90</div> <div>10. <u>AFTE Journal</u>, “Footwear Photographic Techniques”, Bullock, April 1983, Vol. 15, No. 2, pp 91-94</div> <div>11. <u>AFTE Journal</u>, “Dust Shoe Prints on Plexi-Glass”, McBrayer, October 1981, Vol. 13, No. 4, pp 26-28</div>	